

EFFICACY AND SCIENCE SUPPORT BRANCH

ANTIMICROBIAL DIVISION

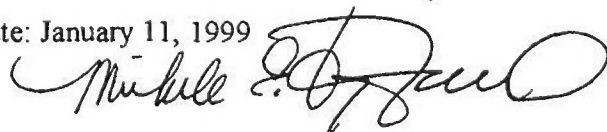
EFFICACY REVIEW - I

In: 8/27/98

Out: January 13, 1999

Reviewed by: Ian Blackwell

Date: January 11, 1999



EPA Reg. No.: 777-66

DP Barcode: D248866

EPA Petition No.: none

Date Division Received: 8/10/98

Type Product: disinfectant

MRID No.: 446265-01

Product Manager: Velma Noble, PM 31

PM Team Reviewer: Tracy Lantz

Product Name: Lysol Brand Disinfectant Direct Multi-Purpose Cleaner

Company Name: Reckitt & Coleman, Inc.

Submission Purpose: demonstration of hospital disinfection efficacy in the presence of organic soil

Type Formulation: water-based liquid

Active Ingredients:

Alkyl (67% C12, 25% C14, 7% C16, 1% C8-C10C-18) dimethyl benzyl ammonium chlorides	... 0.8%
Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chlorides	... 0.2%

RISK ASSESSMENT AND SCIENCE SUPPORT BRANCH

ANTIMICROBIAL DIVISION

EFFICACY REVIEW - II

EPA Reg. No. or File Symbol: 777-66

EPA Petition or EUP No.: none

Date Division Received: 8/27/98

Product Type: Water-based liquid

MRID No(s): 446265-01

Product Management Team: PM 31

Product Name: Lysol Brand Disinfectant Direct Multi-Purpose Cleaner

Company Name: Reckitt & Coleman, Inc.

200.0 **Introduction:**

200.1 **Uses:** cleaner, disinfectant, sanitizer

200.2 **Background Information:** <none>

201.0 **Data Summary:**

201.1 **Abstract of Test Reports:**

None

201.2 **Brief Description of Test: (title)**

"Disinfectant Efficacy Testing, Hospital Type Disinfectant Activity In The Presence of Organic Soil" by Kyle T. Smith, Reckitt & Colman, Inc., Microbiology Laboratory.
Completion date 3/19/97. MRID No. 446265-01.

201.3 **Data Summaries**

None

201.4 **Other Summarized Results:**

See Recommendations under 202.0.

202.0 Recommendations:

202.1 Efficacy Supported By The Data:

The submitted data developed by the modified AOAC-Use-Dilution Test Method are acceptable to support effectiveness of the product as a disinfectant against Staphylococcus aureus, Salmonella cholerasuis and Pseudomonas aeruginosa when tested at 2-4 (two to four) pumps of test substance (undiluted) on hard non-porous surfaces in the presence of 5% horse serum and 400 ppm (as CaCO_3) hard water for a contact time of 10 minutes at 23.2-23.5 °C.

203.0 Labeling:

1. The labeling statements listing the bacteria killed by this product must list the genus and species of each bacteria species. That is, E. coli must be changed to *Escherichia coli*., Salmonella must be changed to *Salmonella cholerasuis*, etc.
2. The submitted label states that this product kills "dangerous Staphylococcus and Streptococcus germs, Salmonella, Pseudomonas". Again, this is unacceptable. The label must list the bacteria killed by the genus and species of each bacteria species.

Comments the same as above ~~above~~
were made in the Agency letter of
9/24/98 when this label was last
"accepted with comments."

Traug Lantz
2/2/99